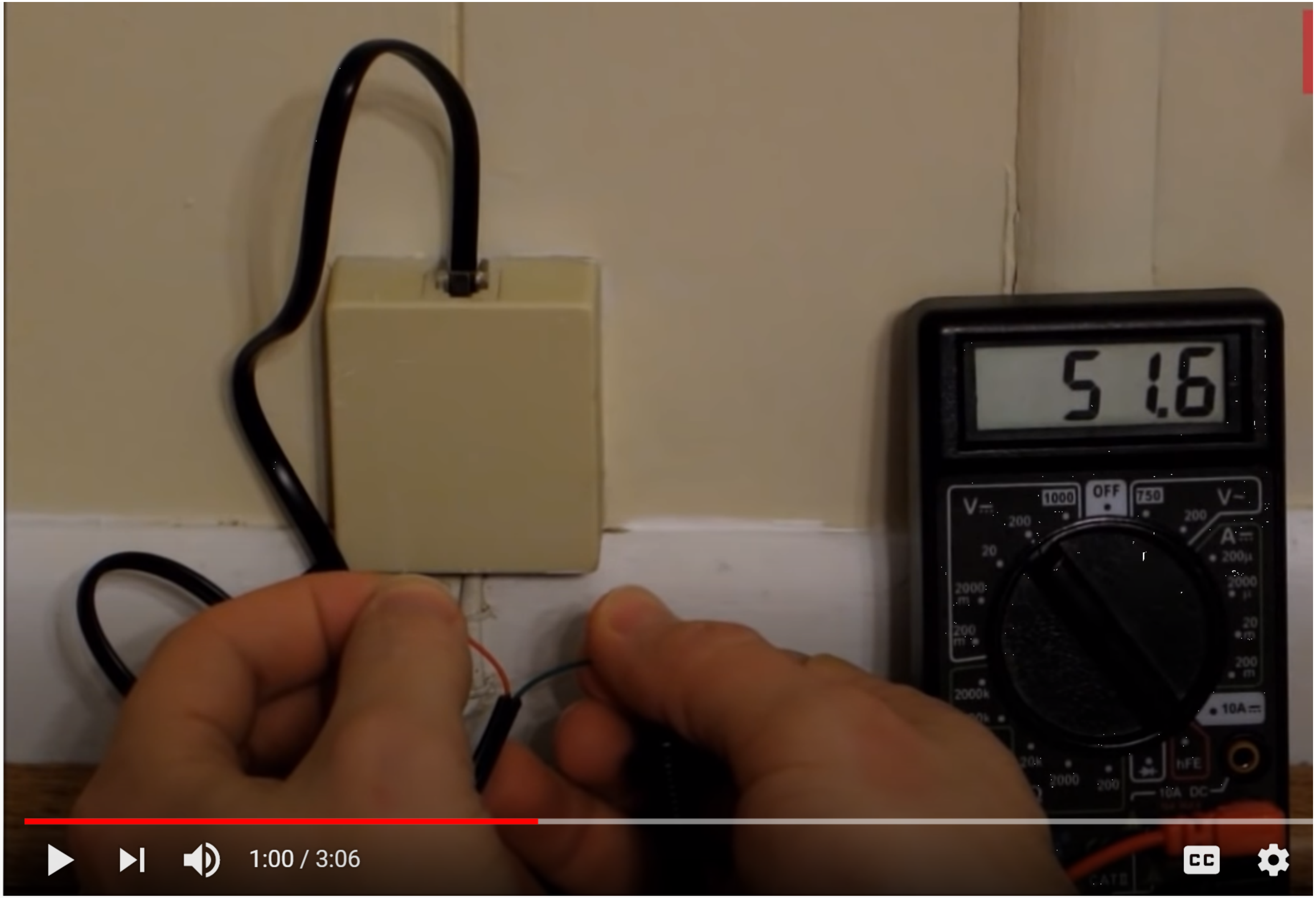
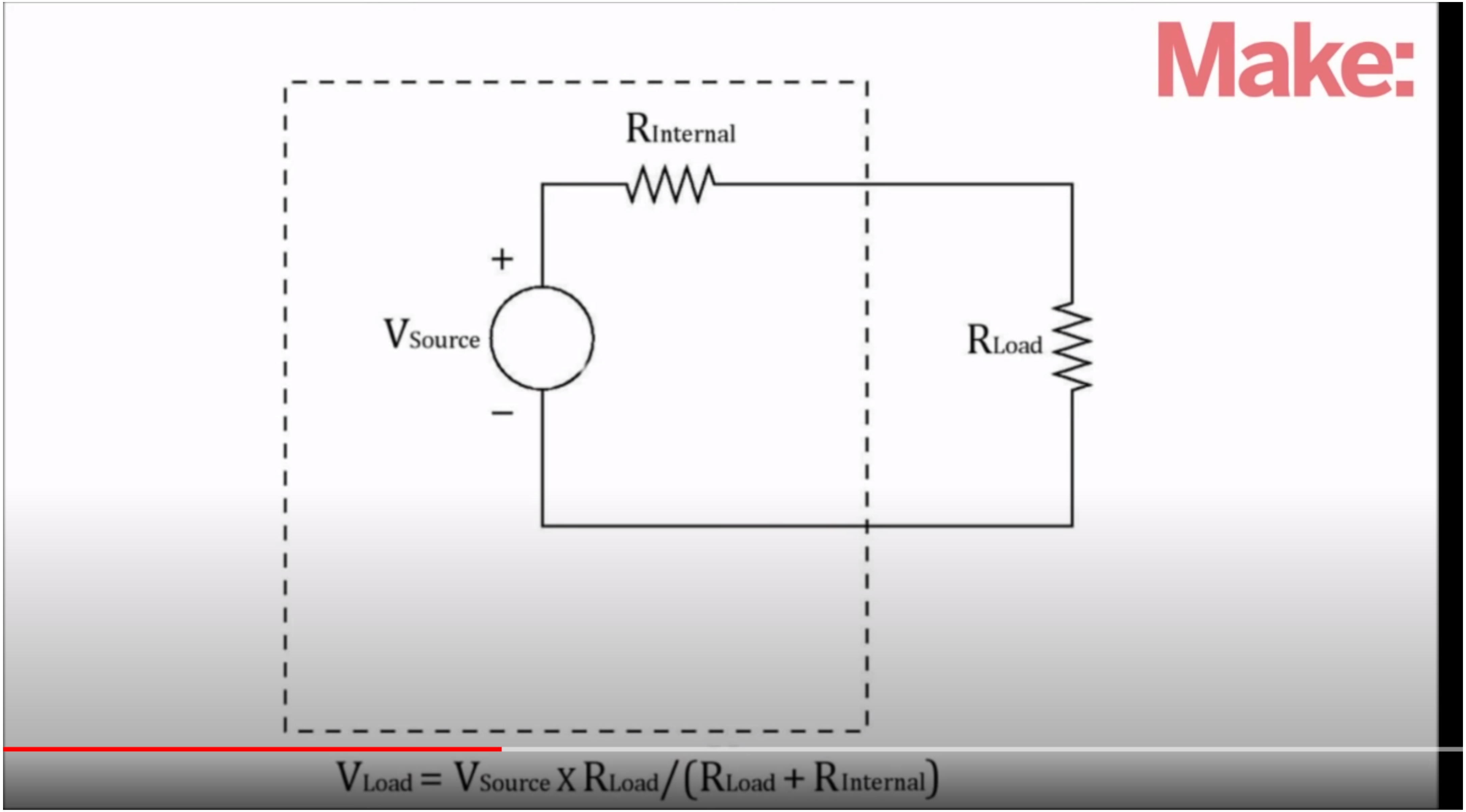
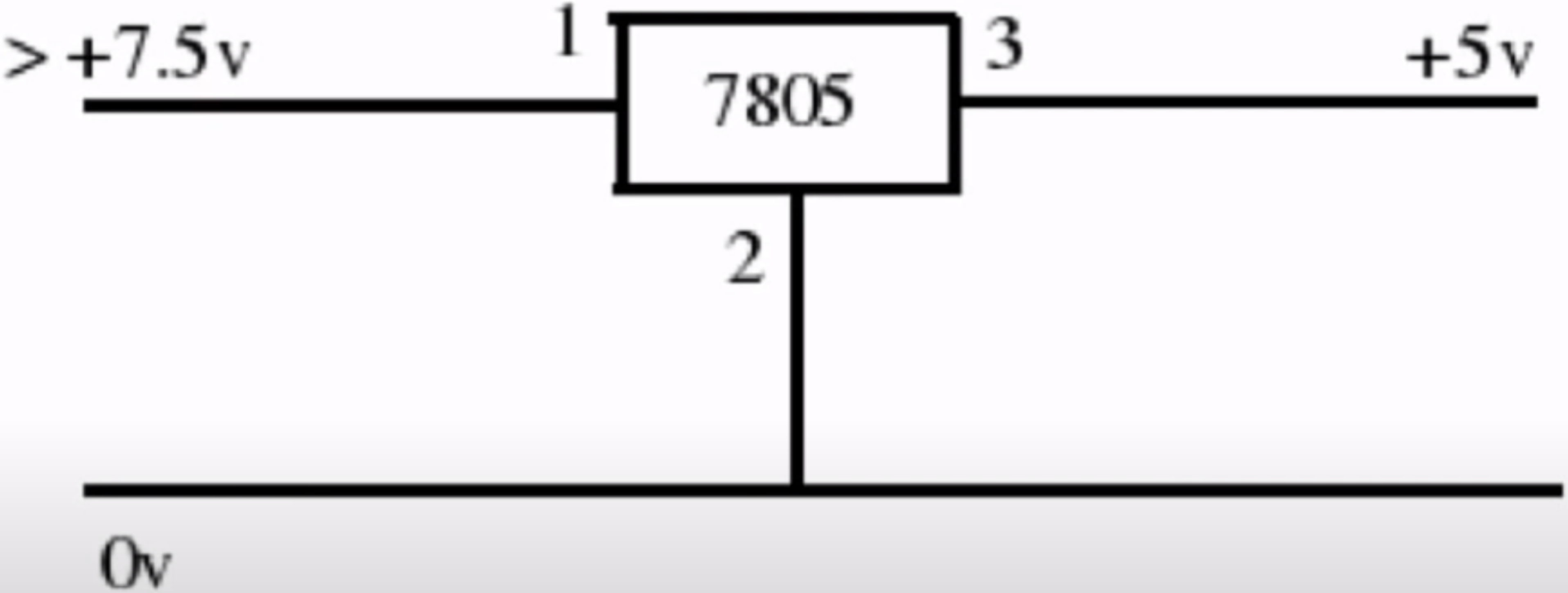

51.6
V⎓
1000
OFF
750
V~
200
20
2000 m
200 m
A⎓
200μ
2000 μ
20 m
200 m
10A⎓
2000k
20k
2000
200
hFE
10A DC
1:00 / 3:06
CC

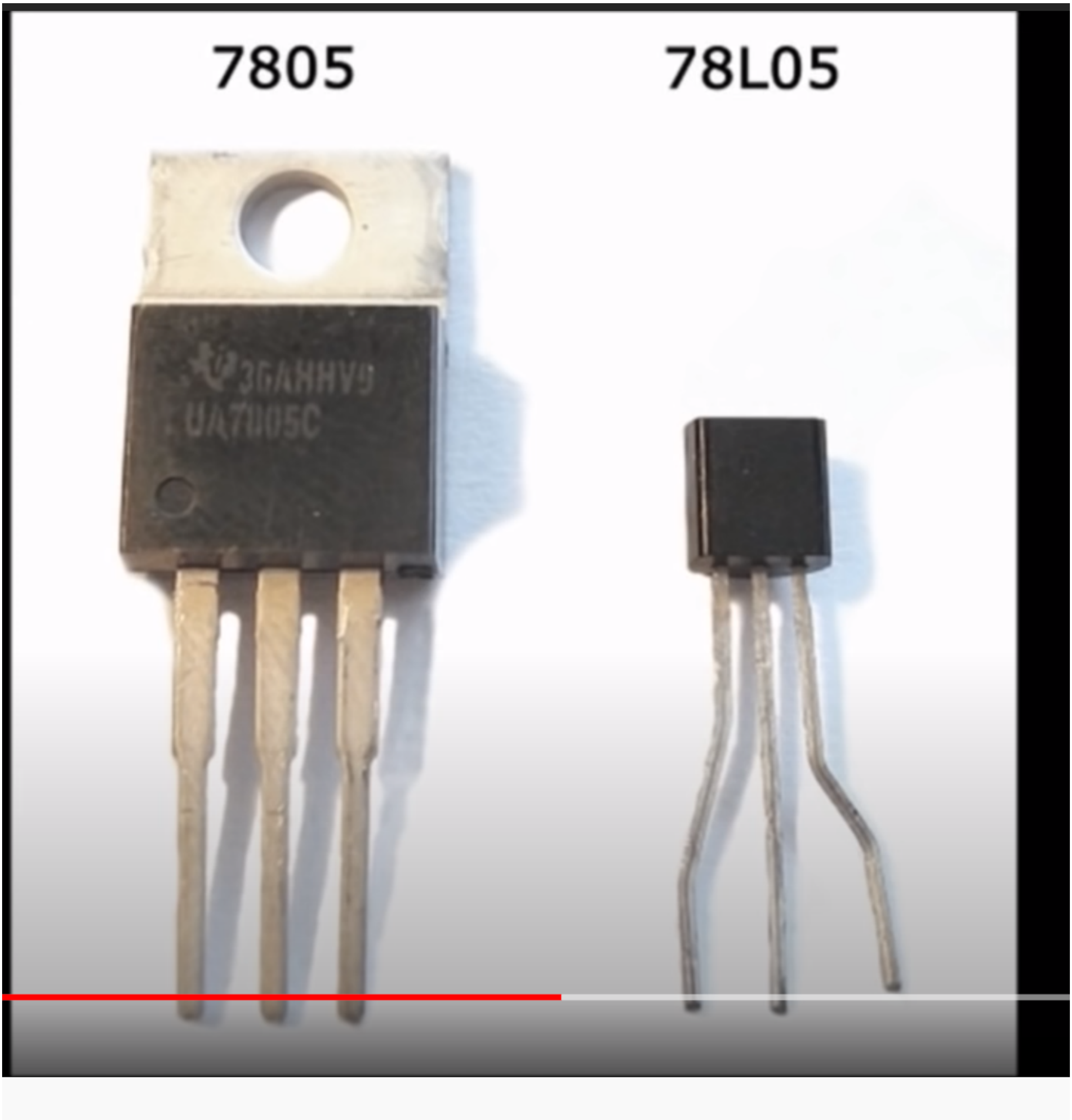
DIY Hacks & How To's: Emergency Power from a Land Line

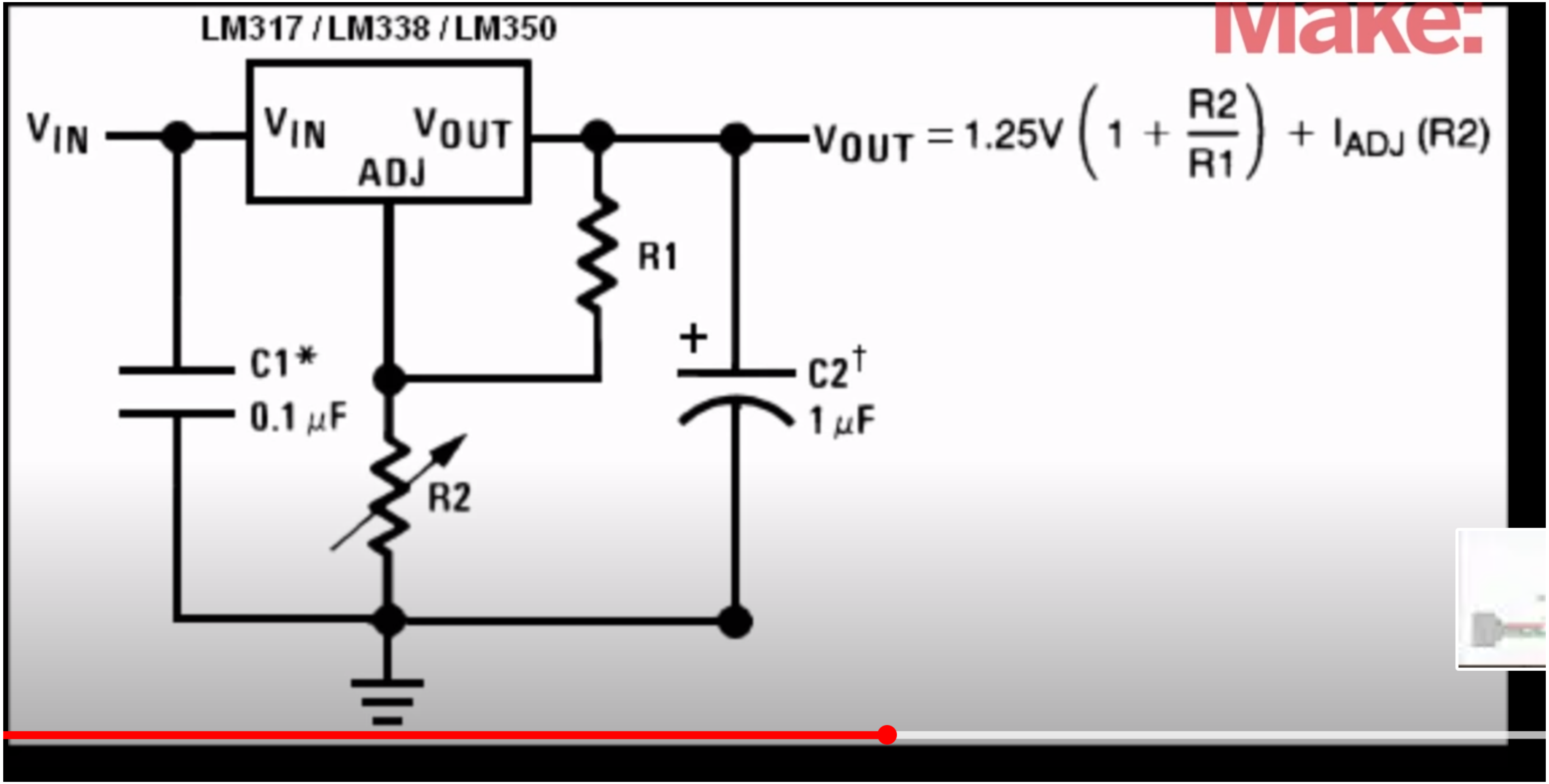

Make:
$R_{Internal}$
V_{Source}
+
−
R_{Load}

$$V_{Load} = V_{Source} \times R_{Load} / (R_{Load} + R_{Internal})$$

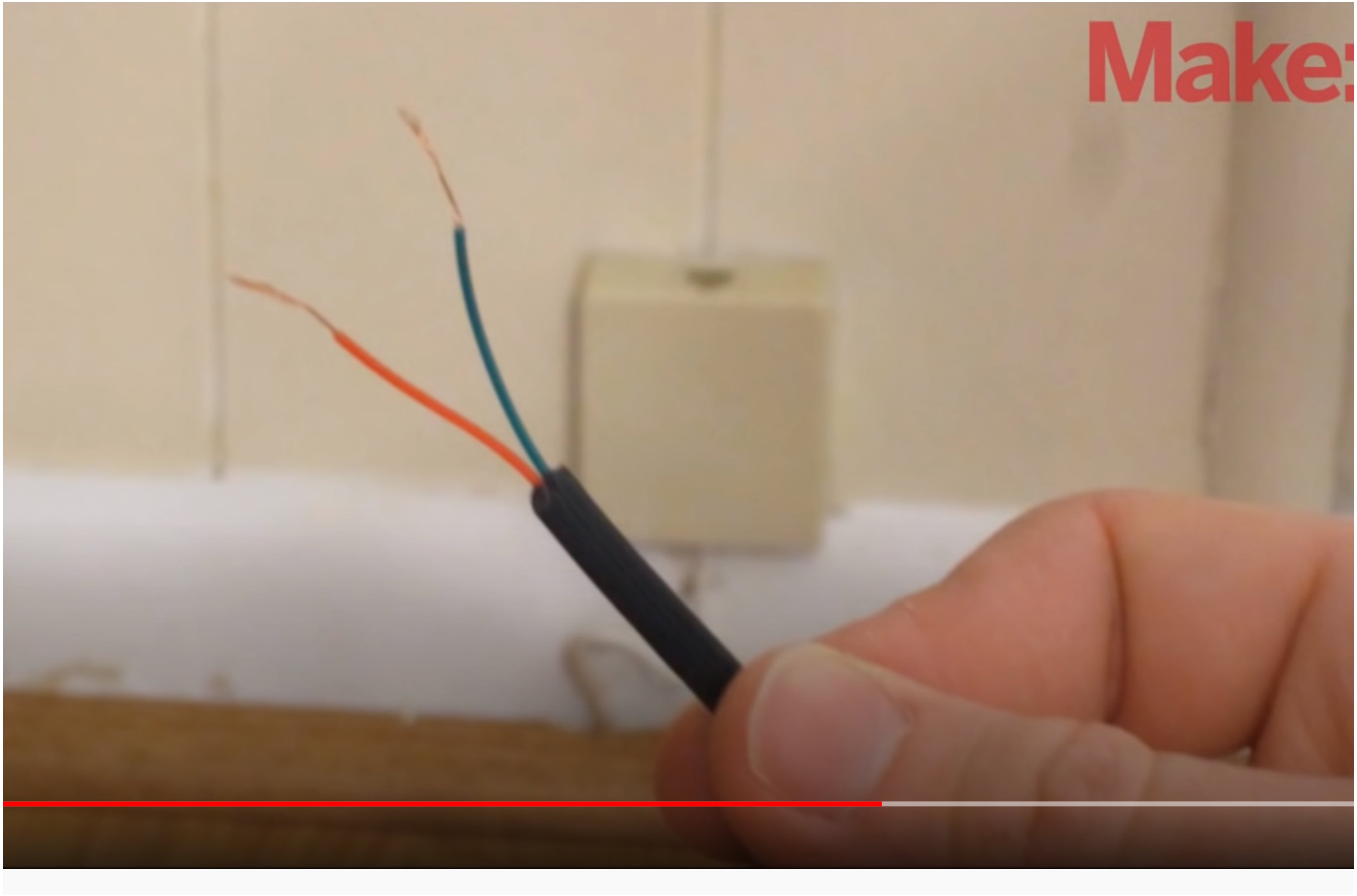


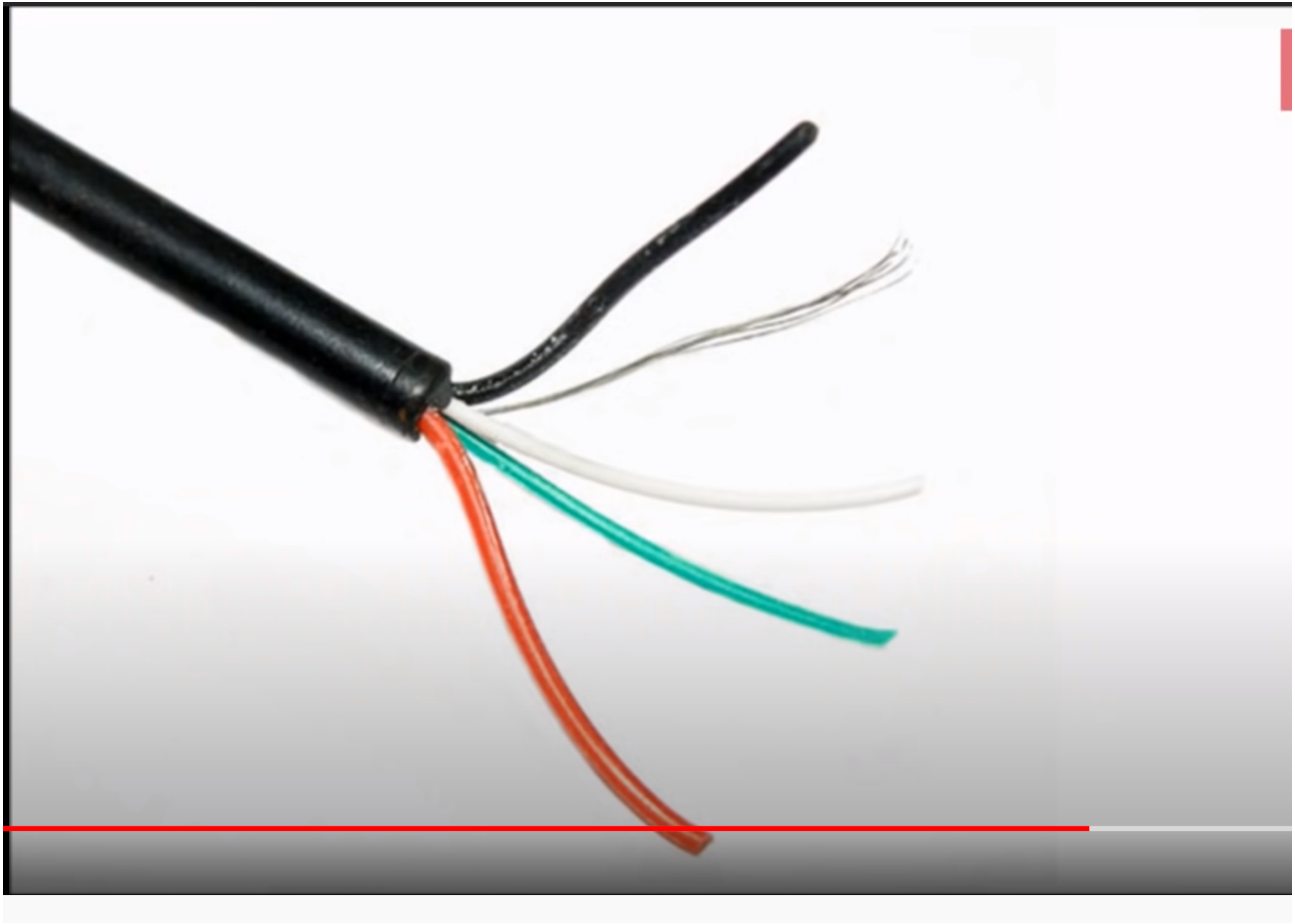
> +7.5v
1
7805
3
+5v
2
0v

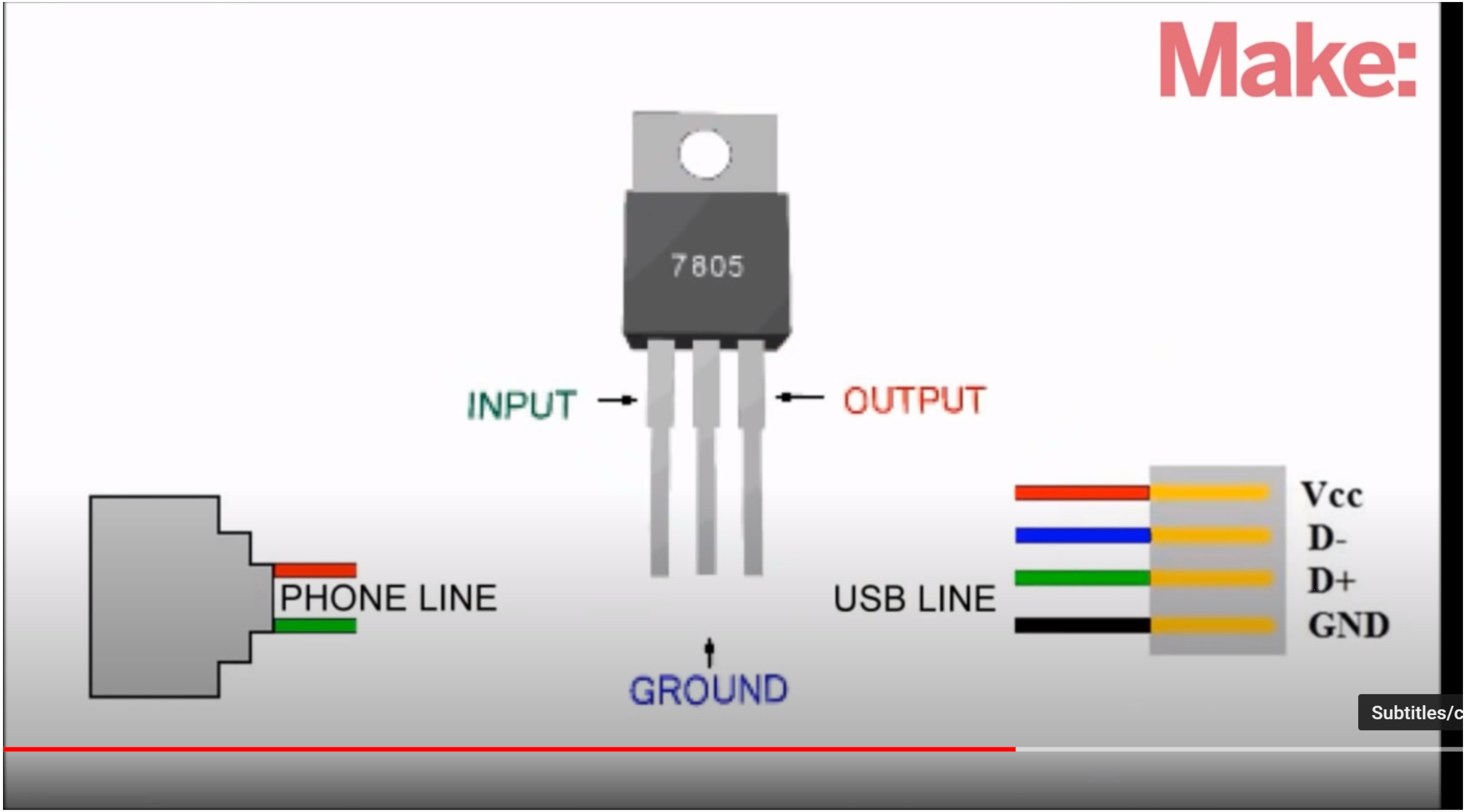

7805
78L05
3GAHHV9
UA7805C

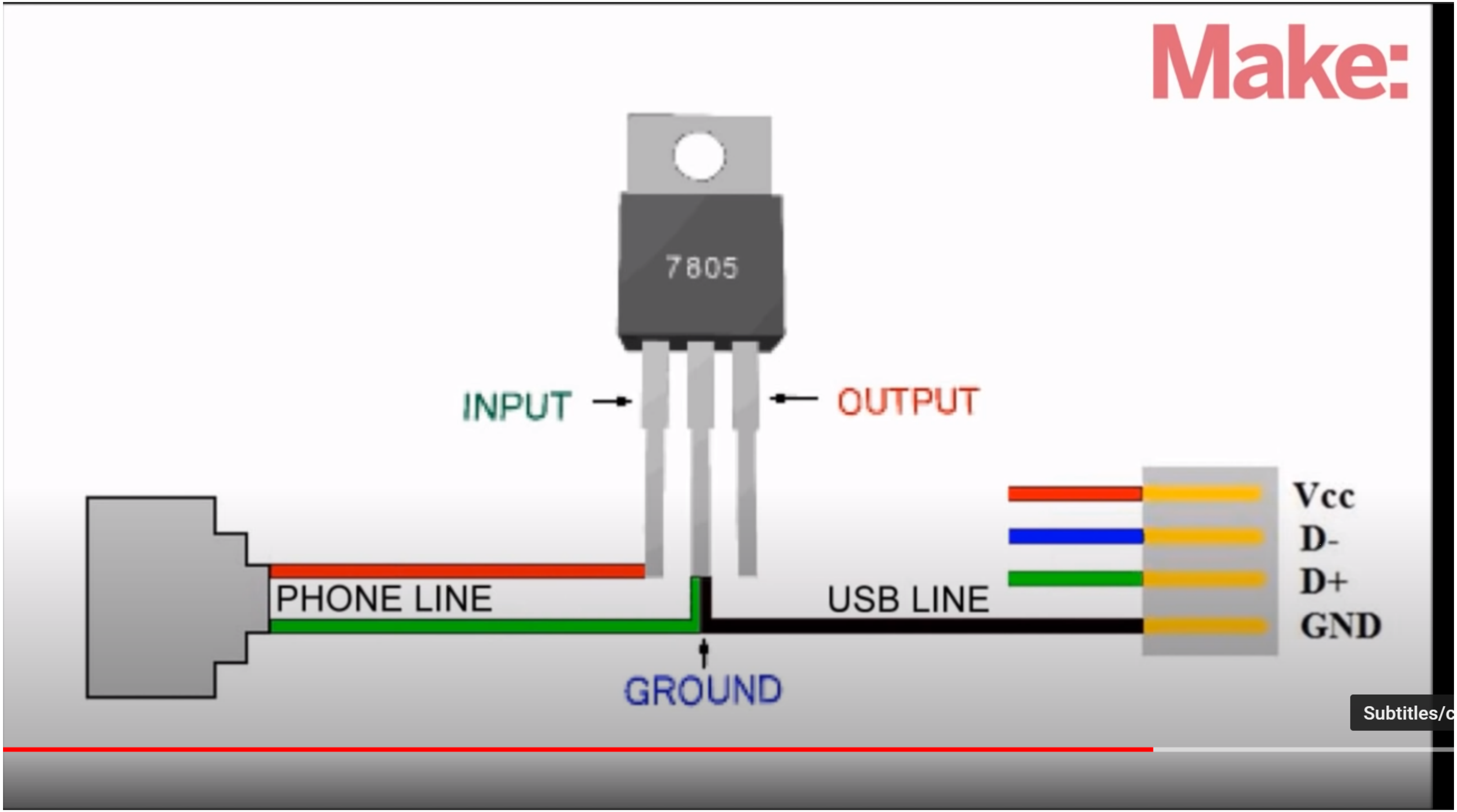

LM317 / LM338 / LM350
V_{IN}
V_{IN}
V_{OUT}
ADJ
R1
R2
C1*
0.1 µF
+
C2†
1 µF

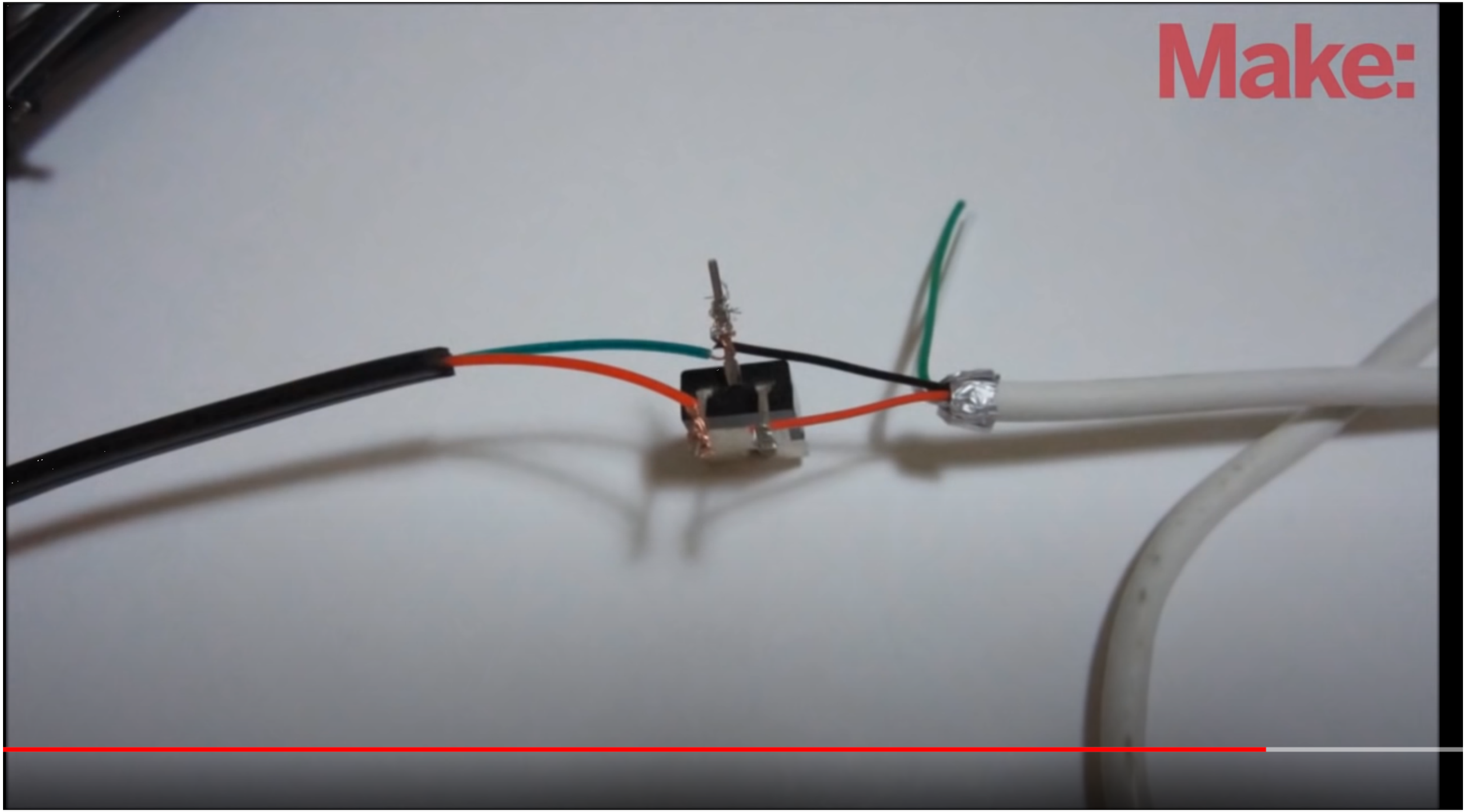
$$V_{OUT} = 1.25V\left(1 + \frac{R2}{R1}\right) + I_{ADJ}(R2)$$

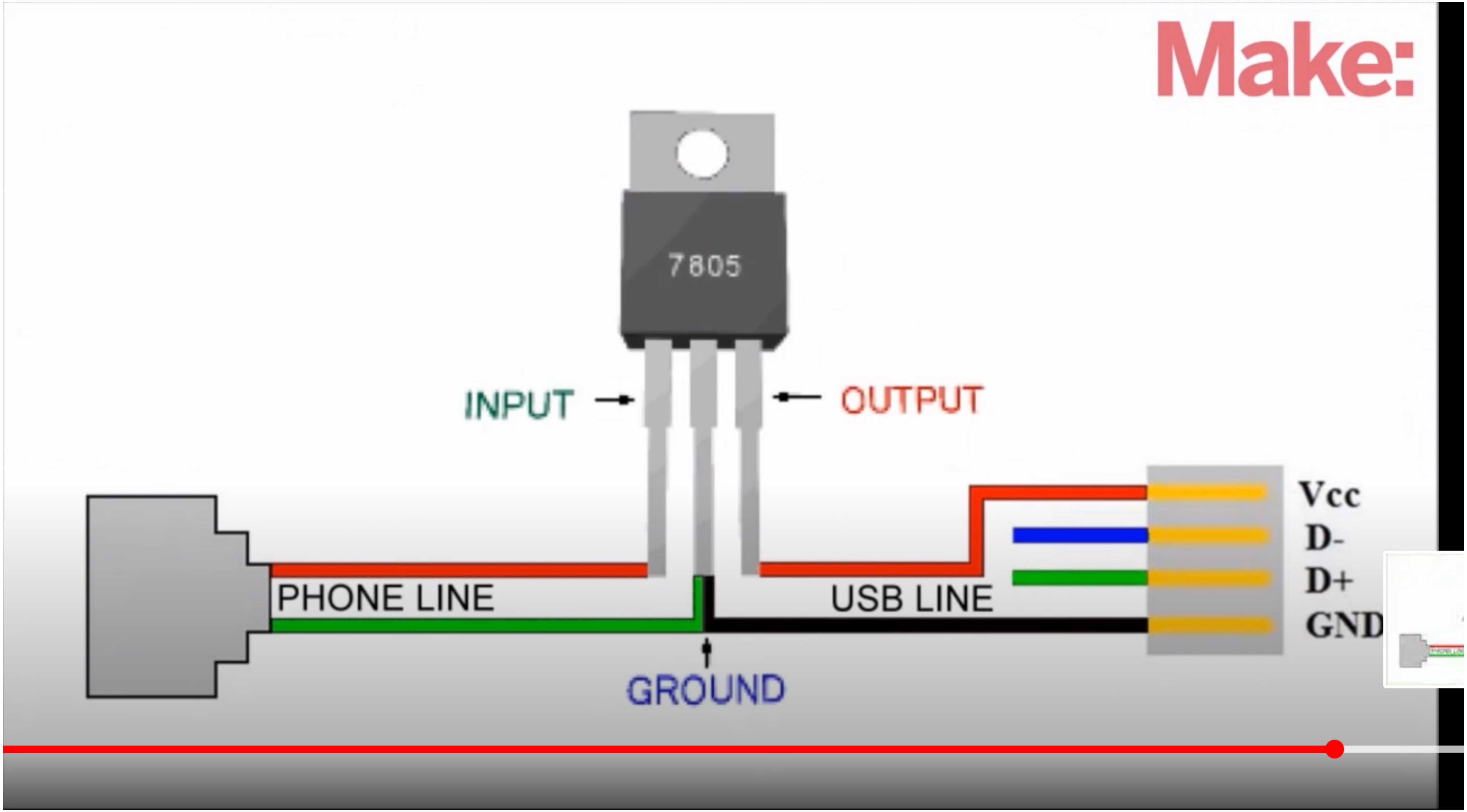

Make:

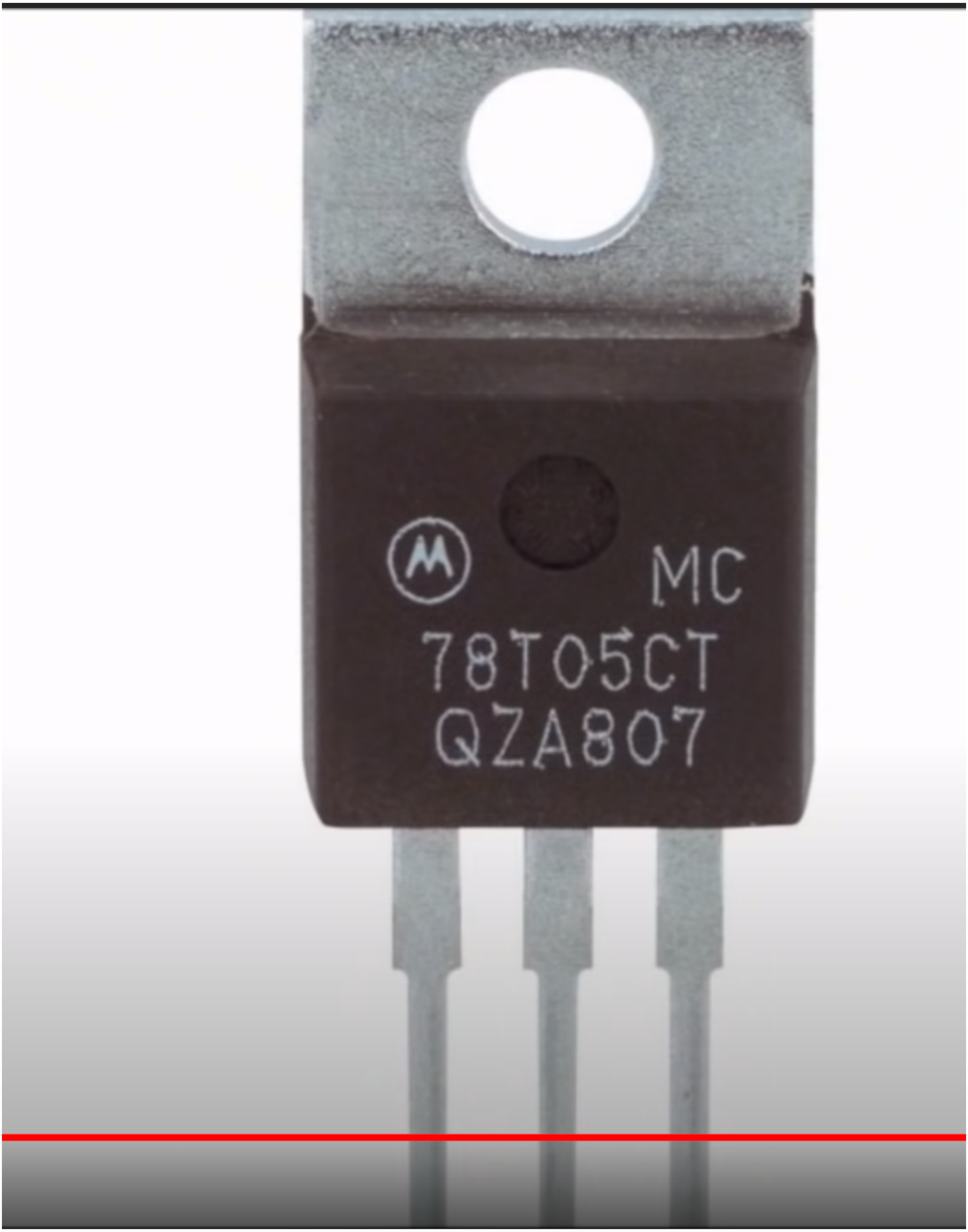


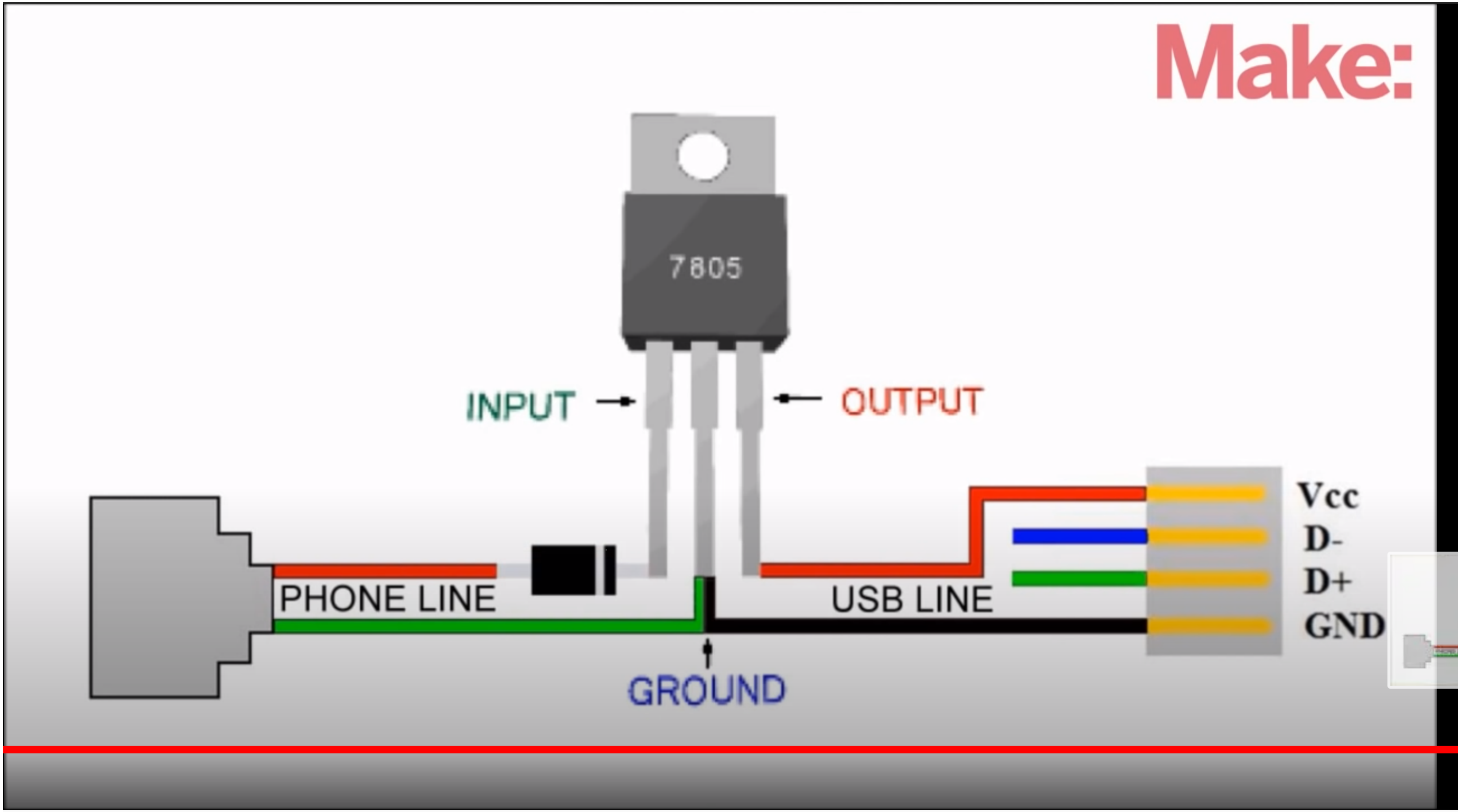

Make:
7805
INPUT
OUTPUT
PHONE LINE
USB LINE
Vcc
D-
D+
GND
GROUND
Subtitles/c

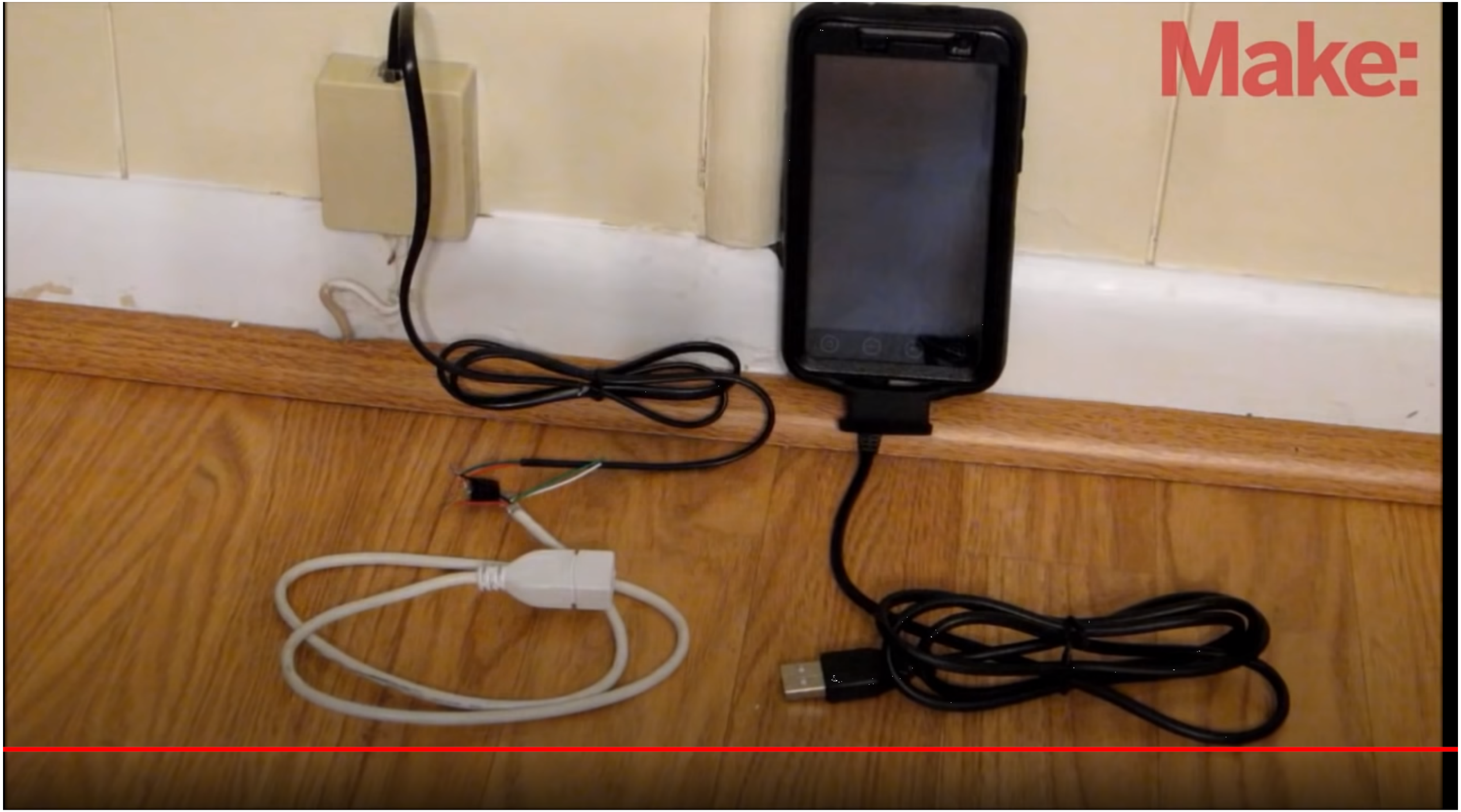

Make:
7805
INPUT
OUTPUT
Vcc
D-
D+
GND
PHONE LINE
USB LINE
GROUND
Subtitles/c


Make:

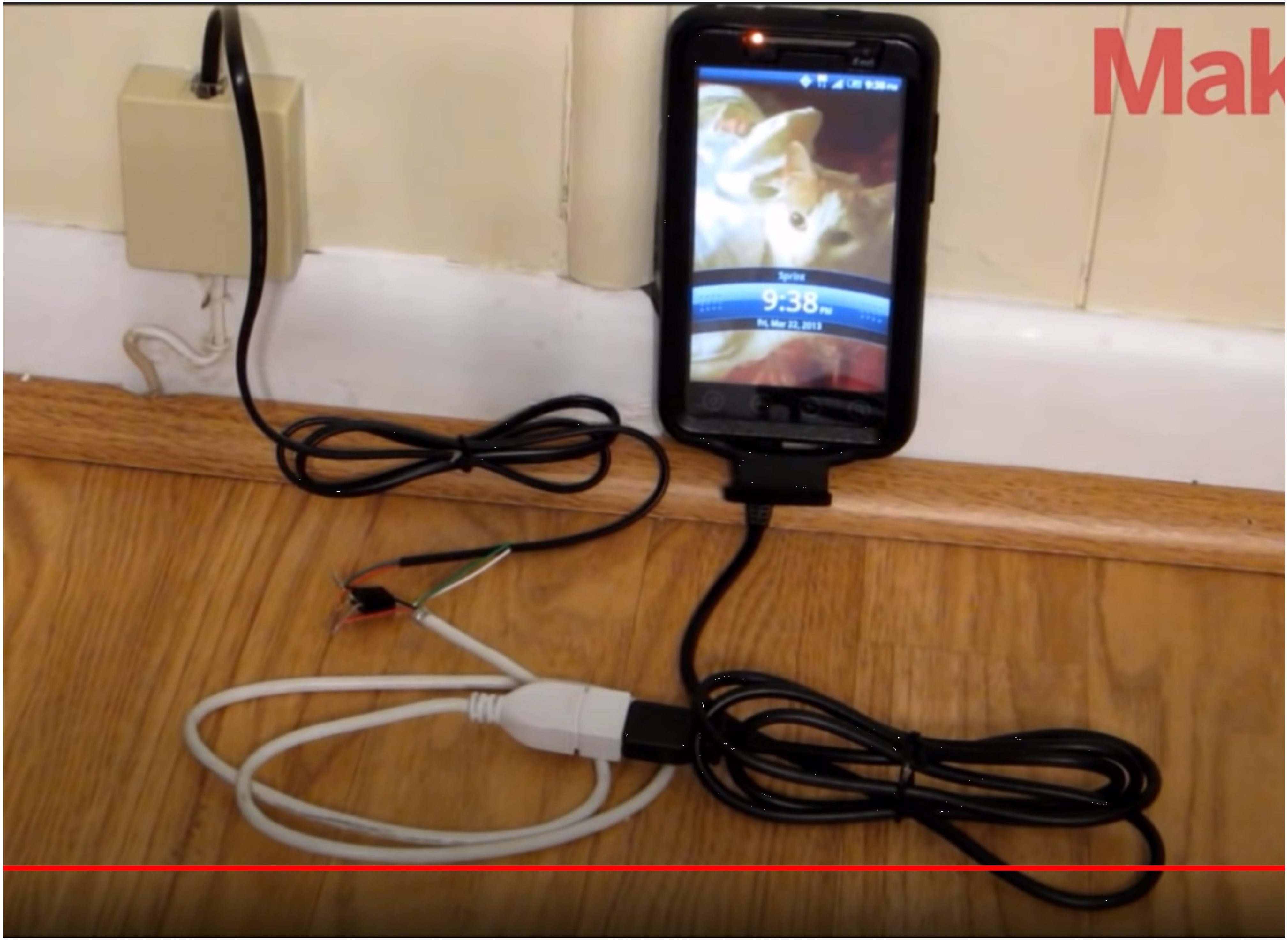

Make:
7805
INPUT
OUTPUT
Vcc
D-
D+
GND
PHONE LINE
USB LINE
GROUND


MC
78T05CT
QZA807


Make:
7805
INPUT
OUTPUT
PHONE LINE
USB LINE
GROUND
Vcc
D-
D+
GND

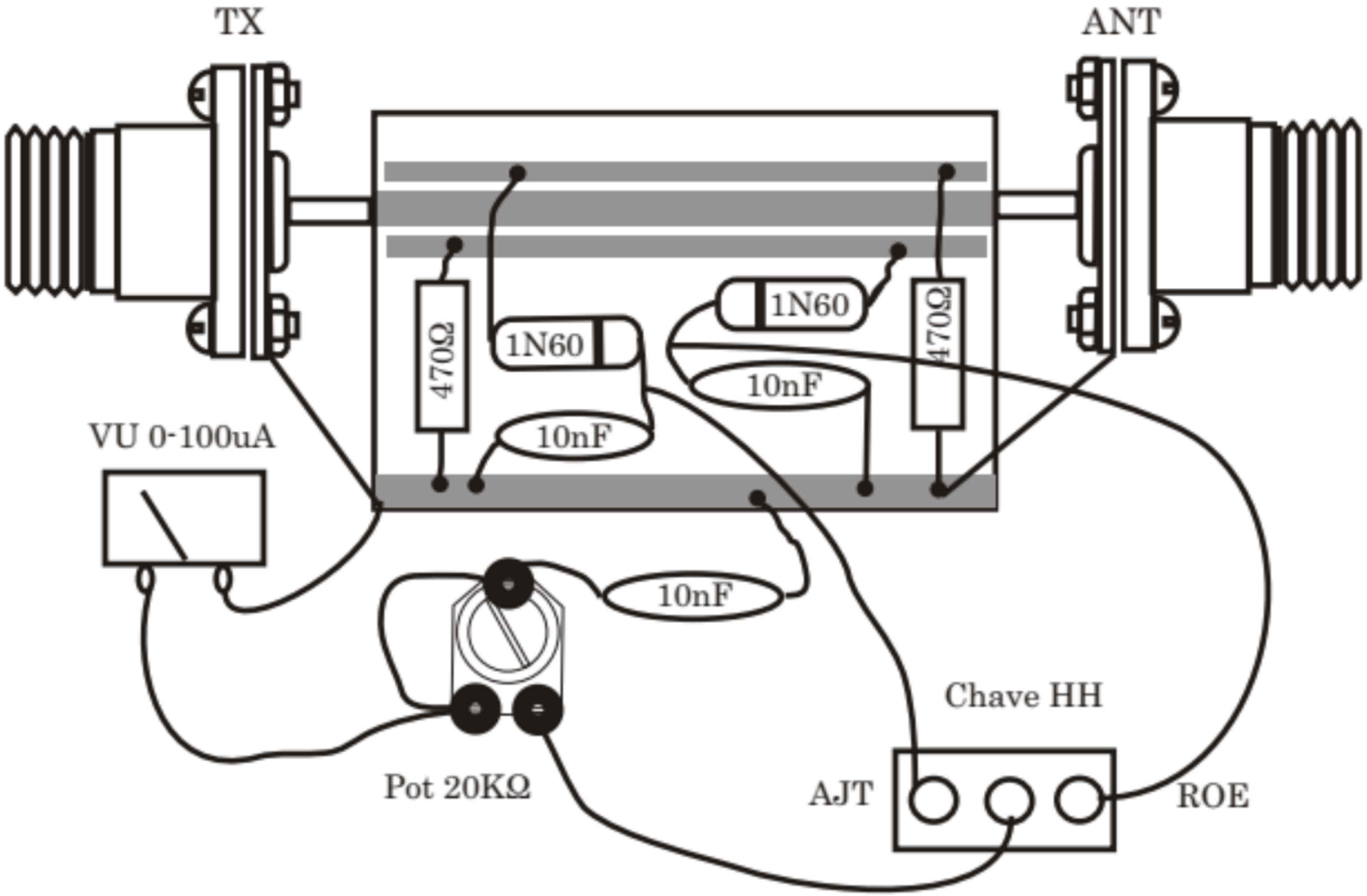


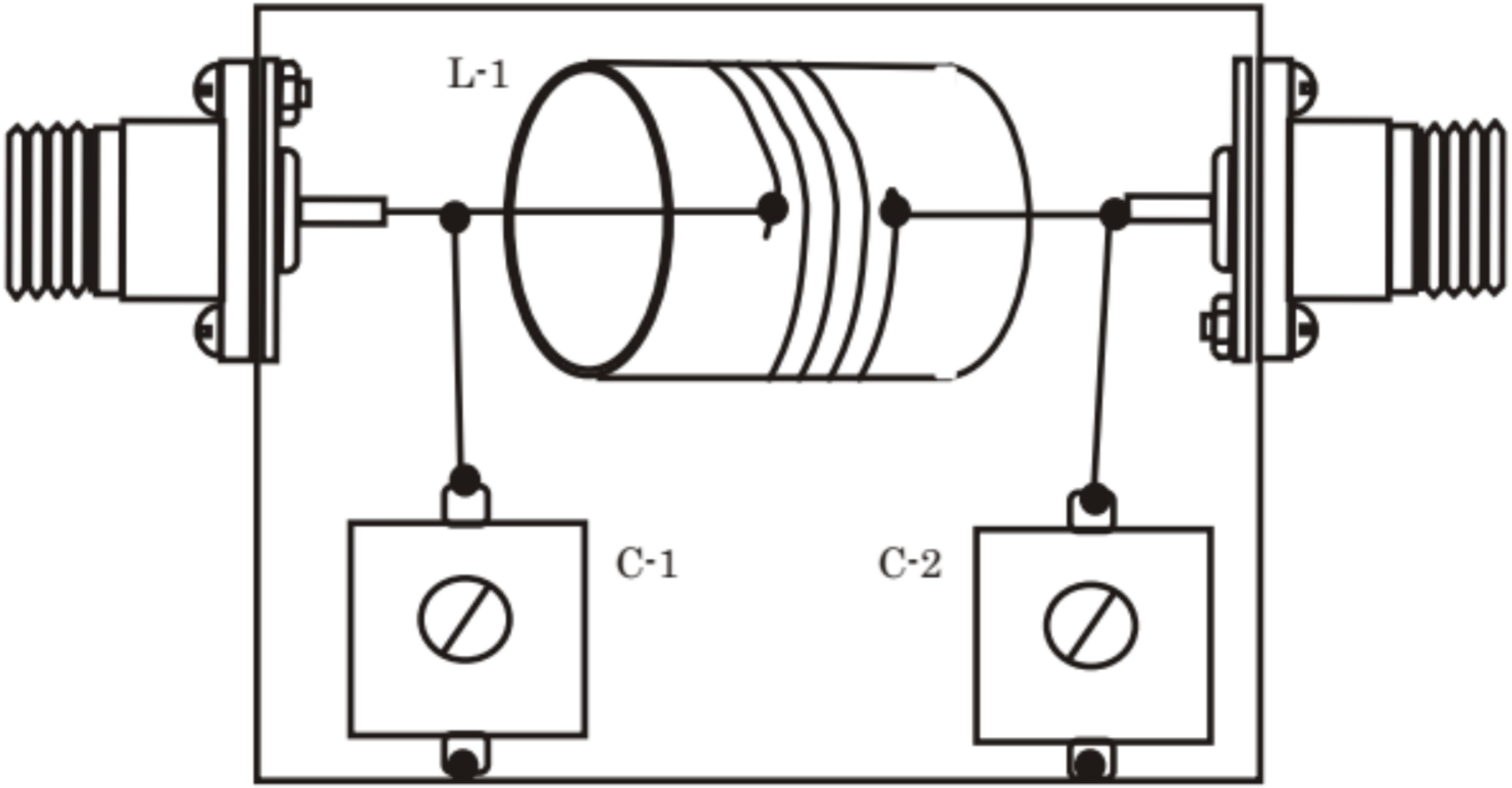
Make:


Mak
Sprint
9:38 PM
Fri, Mar 22, 2013

LISTA DE COMPONENTES - ESQUEMA NA OUTRA PÁGINA

2 diodos de germânio OA96 ou 1N60
2 resistores de 470 ohms*
1 Potenciômetro linear de 20 K ohms
3 capacitores cerâmicos NPO de 10.000pF (10nF, 103Z ou 0,010 uF)
1 medidor de 100 uA (VU-meter)
1 chave HH duas posições


TX
ANT
470Ω
1N60
1N60
470Ω
10nF
10nF
VU 0-100uA
10nF
Chave HH
Pot 20KΩ
AJT
ROE



DADOS CONSTRUTIVOS DO ACOPLADOR

L1 - 5 espiras auto-suportadas de fio esmaltado nº 14 AWG (1,6 mm) em forma de 12,5 mm (1/2 polegada).
C-1 e C-2 - Trimmer ou capacitor variável de 3 a 30 pF.
Dois conectores coaxiais.

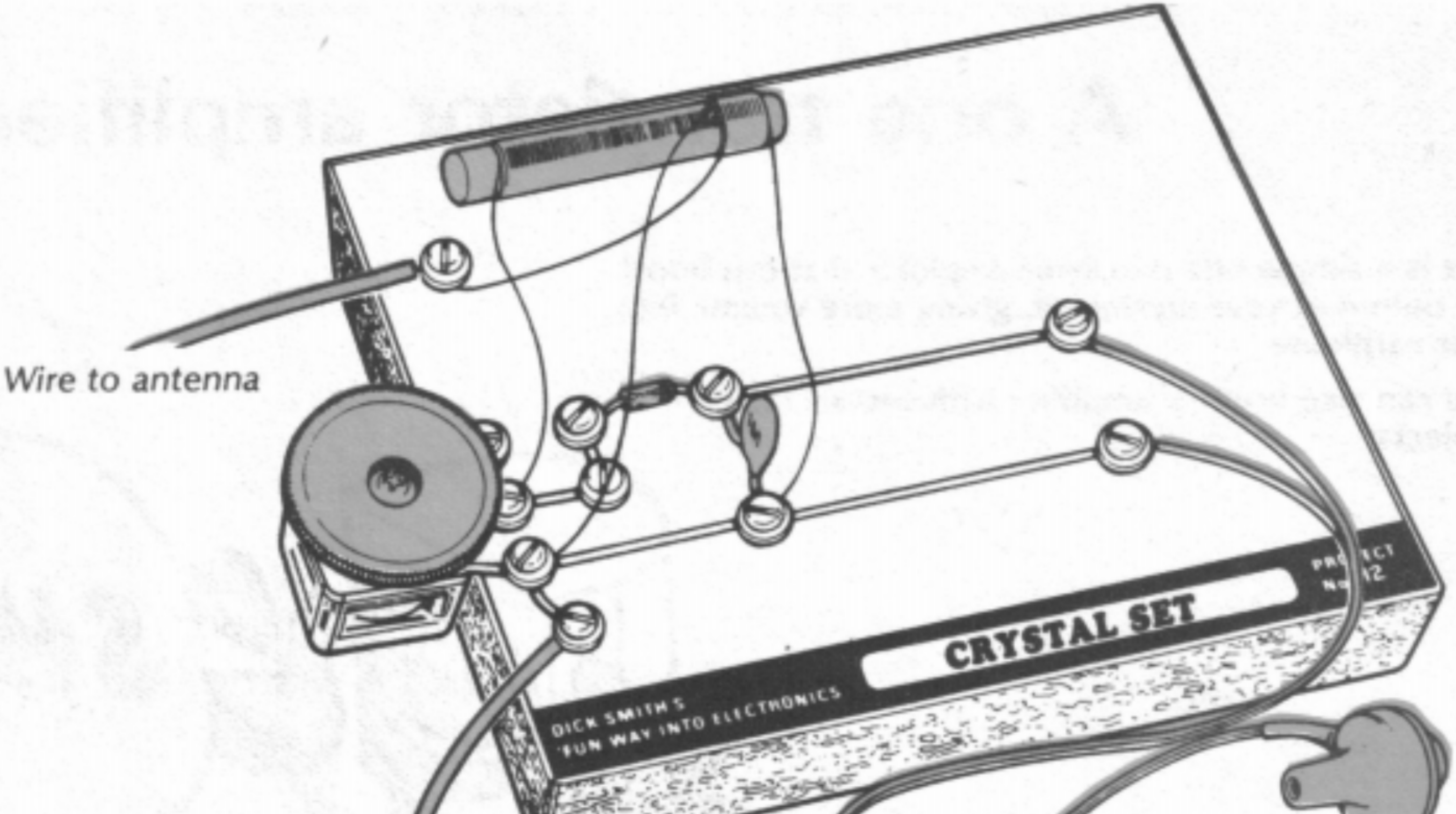

Wire to antenna
DICK SMITH'S
'FUN WAY INTO ELECTRONICS
CRYSTAL SET
PROJECT
No. 12
Wire to earth connection

Figure 2

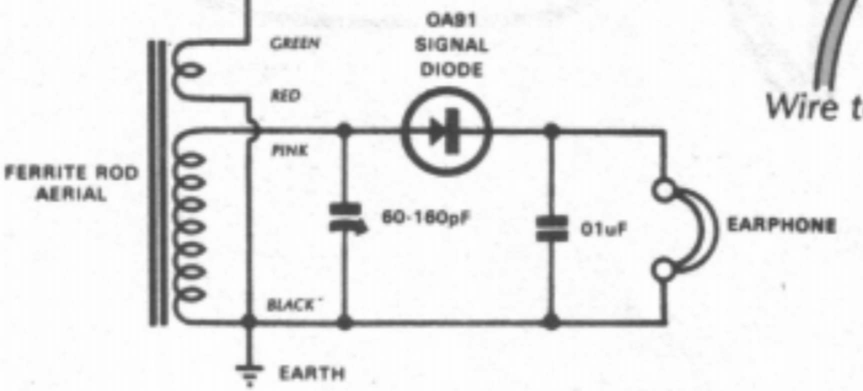

ANTENNA
OA91
SIGNAL
DIODE
GREEN
RED
PINK
BLACK
FERRITE ROD
AERIAL
60-160pF
01uF
EARPHONE
EARTH

Figure 1